

COTS Rugged Military Grade 27" LCD Display

MILITARY | INDUSTRIAL | COMMERCIAL



Screen Size 27"

Assembled in the USA
ISO 9001:2008 Certified
ITAR Registered

The CPX1 -27 square rackmount LCD displays offer all the features you need for your harsh environment application. This extremely rugged, military-grade display is engineered to meet MIL-S-901A and MIL-STD-810G. The LCD is best in class offering revision controlled long product availability. It can be driven from multiple video sources including VGA, DVI-D, HDMI, DisplayPort or optionally 3G HD-SDI. It supports Picture-In-Picture or Picture-By-Picture to allow multiple video streams to be viewed at once. It is designed for the harshest of environments constructed off aircraft grade aluminum, optically bonded LCD glass and stainless steel hardware.

In-house Engineering
Department

Rapid Prototyping



Overview

The CPX1-27 is designed for the harshest of environments constructed off aircraft grade aluminum, optically bonded LCD glass and stainless steel hardware. Included are speakers and a choice of mounting bracket for console, 19" Rack or VESA Mount. Options include AC or DC (MIL-STD-704/1275) power, EMI Filter and optical enhancements to get the best

Features

- Rugged Military Design
- Bonded Cover Glass Standard
- Long Life 27" LCD with 1920x1920 Resolution

Harsh Environments

Designed to meet or exceed the below environmental specifications.

ALTITUDE

MIL-STD-810, Method 500.5

HIGH TEMPERATURE

MIL-STD-810, Method 501.5

LOW TEMPERATURE

MIL-STD-810, Method 502.5

HUMIDITY

MIL-STD-810, Method 507.5

VIBRATION

MIL-STD-810, Method 514.6

For more information visit
www.chassis-plans.com
or call 858.571.4330

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CPX1-27 Panel Specifications

DIMENSIONS

22.7"(H) x 23.0" (W) x 3.2" (D)

ENCLOSURE DETAILS

Construction

Rugged military design

Powdercoating

Black per MIL-PRF-24712, Type IV, Class 3, Cardinal C214-BK110 polyester semi-gloss, fine texture

Cover Glass

5mm Bonded cover glass standard, with options for oleophobic coating and EMI filter

CPX1-27 Display Photo



Panel Details

	CPX1-27
ACTIVE AREA	27"
WEIGHT	34 lbs
CONTRAST RATIO	1000:1
NATIVE RESOLUTION	1920 x 1920
BRIGHTNESS	300 cd/m ²
LAN	RS-232 serial or ethernet
SCREEN	Picture-in-picture Split screen Multi-touch screen (optional)
SPEAKERS	Built-in speakers
MOUNTING	19-Inch on-rack or VESA mounting
POWER INPUT	AC or DC input options
VIDEO INPUT	Standard: HDMI 1.4, DVI-D, Display Port, VGA Optional: 3G HD-SDI

